

# Safety Data Sheet

## Solms Crushed Limestone (Crushed Rock, Limestone, Base Rock, Scrubber Stone, Agg-Lime)

### Section 1: Identification

**MANUFACTURER'S NAME & ADDRESS:** Capitol Aggregates Inc.  
2330 North Loop 1604 West.  
San Antonio, Texas 78248

<b>PRODUCT NAME:</b>	Solms Crushed Limestone
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**EMERGENCY TELEPHONE NUMBER:** (210) 871-6111  
**SDS INFORMATION OR ASSISTANCE:** (210) 871-7247  
**COMPANY PHONE NUMBER:** (210) 871 7260  
**CHEMICAL NAME:** Solms Crushed Limestone  
**CAS NUMBER:** N/A  
**TRADE NAME or SYNONYMS:** (Crushed Rock, Limestone, Base Rock, Scrubber Stone, Agg-Lime)  
**PRODUCT USE:** Construction Aggregates, Soil Amendment

### Section 2: Hazards Identification

WARNING! CRUSHED LIMESTONE IS NOT A KNOWN HEALTH HAZARD. HOWEVER CRUSHED LIMESTONE MAY BE SUBJECTED TO VARIOUS NATURAL OR MECHANICAL FORCES THAT PRODUCE SMALL PARTICLES (DUST), WHICH MAY CONTAIN RESPIRABLE CRYSTALLINE SILICA (PARTICLES LESS THAN 10 MICROMETERS IN AERODYNAMIC DIAMETER). REPEATED INHALATION OF RESPIRABLE CRYSTALLINE SILICA (QUARTZ) MAY CAUSE DAMAGE TO LUNGS THROUGH PROLONGED OR REPEATED EXPOSURE AND MAY CAUSE LUNG CANCER.

**Classification of the substance or mixture:**

CARCINOGENICITY/INHALATION — Category 1A

SPECIFIC TARGET ORGAN TOXICITY  
(REPEATED EXPOSURE) — Category 2

**GHS label elements****Hazard pictograms:****Signal word:****Danger****Hazard statements:****Harmful if swallowed. May cause cancer (inhalation). May cause damage to lungs with prolonged or repeated exposure (inhalation).****EMERGENCY OVERVIEW:**

Appearance/Odor: Loose granular rock, gravel, and silt mixture of varying size and color. No odor.

**Carcinogen, Acute & Chronic Toxin Warning:**

- This product contains greater than 0.1% crystalline silica. Crystalline silica has been linked to cancer, silicosis, and other lung problems in conditions of prolonged airborne over-exposure. Repeated inhalation of respirable crystalline silica (quartz) may cause lung cancer according to IARC and NTP; ACGIH states that it is a suspected cause of cancer. Other forms of RCS (e.g. Tridymite and Cristobalite) may also be present or formed under certain industrial processes.
- Carcinogen- Acute & Chronic. Product contains crystalline silica quartz. The International Agency for Research on Cancer (IARC) classifies respirable crystalline silica as Group I – Known Human Carcinogen. The National Toxicology Program (NTP) lists respirable crystalline silica as a Known Human Carcinogen. The American Conference of Governmental Industrial Hygienists (ACGIH) lists respirable crystalline silica as a Suspected Human Carcinogen (A-2).

**OSHA REGULATORY STATUS:**

This product is considered HAZARDOUS by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**POTENTIAL HEALTH EFFECTS:**

LIKELY ROUTES OF EXPOSURE: Inhalation

TARGET ORGAN(S): Lungs

**EYE**

- Avoid eye contact. Exposure to dust may be irritating to the eyes and may impair visibility. These effects are transient similar to nuisance dust and recovery should follow.

**SKIN**

- Avoid prolonged and repeated skin contact. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection and face protection. Wash hands thoroughly after handling.

**INHALATION**

- Avoid prolonged and repeated inhalation of dust. Acute and chronic exposure to dusts may be irritating to the respiratory tract by frictional action, and may provoke bronchoconstriction in hyper-susceptible individuals.
- Respirable dusts can cause bothersome deposits in the nasal passages. Nuisance dusts cause toxicity from physical overloading of the respiratory clearance mechanisms.
- Significant deterioration of pulmonary function and chronic bronchitis can develop with prolonged overexposure to dusts in excess of established limits (See Section 8).
- Continued overexposure to silica dust can result in silicosis, a chronic, progressive and sometimes fatal lung disease that is characterized by the presence of typical nodulation of the lungs leading to fibrosis. Silicosis can develop in weeks with high exposures and after years of lower exposure. Symptoms and signs of silicosis include cough, shortness of breath, wheezing, decreased pulmonary function, and changes in chest X-rays.

**INGESTION**

- Minute amounts accidentally ingested during industrial handling are not likely to cause injury.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

- Chronic exposure to nuisance dusts may enhance susceptibility to respiratory tract infections.
- Silica can cause silicosis which, in turn, increases the risk of pulmonary tuberculosis infection.
- Smoking may increase the risk of developing lung disorders associated with silicosis.

**Section 3: Composition / Information on Ingredients**

Component	CAS No.	Wt.%	Hazardous?	GHS-US
Calcium Carbonate	1317-65-3	> 85	No	Not Classified
Crystalline Silica Quartz (a component of crushed stone)	14808-60-7	< 6	Yes	Acute Tox. 4 (Oral), H302 Carc. 1A, H350 STOT RE 1, H372

**Crystalline Silica is reported as total silica and not just the respirable fraction.**

Any concentration shown as a range is to protect confidentiality of trade secret information or is due to process variation.

## Section 4: First Aid Measures

### Description of necessary first aid measures

#### EYE CONTACT

Limestone dust: Immediately flush eyes with large amounts of water and continue flushing for 15 minutes. Remove contact lenses, if worn. Occasionally lift the eyelid(s) to ensure thorough rinsing. Beyond rinsing, do not attempt to remove material from the eye(s). Get medical attention if irritation develops or persists.

#### SKIN CONTACT

Limestone dust: Wash contaminated area thoroughly with soap and water. If redness or irritation occurs and persists, seek medical attention.

#### INHALATION

Limestone dust: Remove to fresh air. If breathing is difficult keep at rest in a position comfortable for breathing and get medical attention.

#### INGESTION

Limestone dust: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Give large quantity of water and get medical attention if distress develops.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE and DELAYED POTENTIAL ACUTE HEALTH EFFECTS

- Eye contact:** May cause eye irritation due to abrasion if crushed limestone particles become entrapped in the eyes. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Inhalation:** May cause respiratory tract irritation. Symptoms may include sneezing or coughing similar to inhalation of nuisance dust particles if sand or gravel particles are inhaled. Inhaling sand and gravel may cause discomfort in the chest, shortness of breath and coughing.
- Skin contact:** Symptoms may include skin abrasion or redness if sand and gravel particles collide forcefully with the skin.
- Ingestion:** Harmful if swallowed. May cause stomach distress, nausea, choking, and vomiting if sand or gravel is swallowed.

### OVER-EXPOSURE SIGNS/SYMPTOMS

- Eye contact:** Adverse symptoms may include the following: pain, watering and redness
- Inhalation:** Adverse symptoms may include the following: respiratory tract irritation and coughing. Prolonged inhalation may cause chronic health effects. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline liberated from silica can cause silicosis and may cause cancer.
- Skin contact:** Adverse symptoms may include skin abrasion and redness.

**Ingestion:** Adverse symptoms may include stomach distress, nausea, vomiting, or choking if crushed stone is swallowed.

#### **NOTES TO PHYSICIAN**

Ensure that medical personnel are aware of the materials involved, and take precautions to protect themselves. Pre-existing medical conditions that may be aggravated by exposure include disorders of the eye, skin and lung (including asthma and other breathing disorders). If addicted to tobacco, smoking will impair the ability of the lungs to clear themselves of dust.

### **Section 5: Fire Fighting Measures**

#### **FLAMMABLE PROPERTIES:**

Noncombustible and not explosive.

#### **EXTINGUISHING MEDIA:**

**Suitable extinguishing media:** Crushed Limestone is not flammable. Use fire extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** None known.

#### **SPECIFIC HAZARDS ARISING FROM THE CHEMICAL**

No specific fire or explosion hazard. Not a combustible dust.

#### **THERMAL DECOMPOSITION PRODUCTS**

None specific however contact with powerful oxidizing agents and acids may cause fire and/or explosions (See section 10 of this safety data sheet).

#### **PROTECTION OF FIREFIGHTERS:**

No special precautions use protective equipment appropriate for surrounding materials.

### **Section 6: Accidental Release Measures**

#### **PERSONAL PRECAUTIONS:**

Use personal protective equipment (PPE) specified in Section 8 (Exposure Controls/Personal Protection). Also see Section 3 (Hazards Identification), Section 7 (Handling & Storage), and Section 10 (Stability & Reactivity).

#### **ENVIRONMENTAL PRECAUTIONS:**

Do not allow spilled material to enter sewers or waterways.

#### **METHODS OF CONTAINMENT:**

Wet suppression can be used to minimize dust levels

#### **METHODS FOR CLEAN-UP:**

Clean up quickly and avoid generating dust. Spilled material where dust is generated, may overexpose cleanup personnel to respirable crystalline silica-containing dust. Do not dry sweep or

use compressed air for clean-up. Wetting of spilled material and/or use of respiratory protection equipment may be necessary.

**OTHER INFORMATION:**

Notify appropriate local authorities of spills into sewers or waterways. See section 8 for further information on protective clothing and equipment, section 13 for advice on waste disposal.

## Section 7: Handling and Storage

**HANDLING:**

Do not handle until all safety precautions have been read and understood. Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Avoid prolonged and repeated exposure to dusts. Wet suppression can be used to minimize dust exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid contact with eyes. Do not swallow. Avoid generating and breathing dust. Good housekeeping is important to prevent accumulation of dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. DO NOT use product for sand blasting. Blasting breaks down natural silica and creates freshly fractured respirable crystalline silica which may lead to silica-related disease in persons exposed at levels exceeding occupational exposure limits.

**ADVICE FOR GENERAL OCCUPATIONAL HYGIENE**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**STORAGE:**

No special storage procedures are necessary. Avoid dust formation or accumulation. Keep workers off large piles of product to minimize dust levels or engulfment hazards. Do not enter a silo or other enclosure containing bulk quantities of these products without using all appropriate safety precautions as engulfment or suffocation may occur. Crushed Stone may form a surface crust which appears solid but may not support the weight of humans. Accordingly, do not stand on crushed stone without using all appropriate safety precautions, including, without limitation, properly employed harnesses, lifelines and all other necessary safety equipment.

**OTHER:**

Also see Section 8 (Exposure Controls/Personal Protection)

## Section 8: Exposure Controls / Personal Protection

### EXPOSURE GUIDELINES:

Component	CAS No.	Exposure Limits					
		OSHA		MSHA		ACGIH	
		respirable dust	total dust	respirable dust	total dust	respirable dust	total dust
Crushed Limestone (as Particulates Not Otherwise Regulated or Nuisance Dusts)	SEQ250	PEL 8hr-TWA: 5 mg/m <sup>3</sup>	PEL 8hr-TWA: 15 mg/m <sup>3</sup>	PEL 8hr-TWA: 5 mg/m <sup>3</sup>	PEL 8hr-TWA: 10 mg/m <sup>3</sup>	TLV 8hr-TWA: 3 mg/m <sup>3</sup>	TLV 8hr-TWA: 10 mg/m <sup>3</sup>
Crystalline Silica Quartz	14808-60-7	PEL 8hr-TWA: 10 mg/m <sup>3</sup> /(%SiO <sub>2</sub> +2)	PEL 8hr-TWA: 30 mg/m <sup>3</sup> /(%SiO <sub>2</sub> +2)	PEL 8hr-TWA: 10 mg/m <sup>3</sup> /(%SiO <sub>2</sub> +2)	PEL 8hr-TWA: 30 mg/m <sup>3</sup> /(%SiO <sub>2</sub> +3)	TLV 8hr-TWA: 0.025 mg/m <sup>3</sup>	N/A

### APPROPRIATE ENGINEERING CONTROLS:

Good general ventilation (typically 10 air changes per hour indoors) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

#### EYE/FACE PROTECTION

Wear safety glasses or goggles.

#### SKIN PROTECTION

Wear standard work gloves (leather, cotton, coated cotton, etc.) as needed to prevent abrasion. Wear clothes with sleeve rolled down and collars buttoned, and trousers gathered at the ankles to minimize skin contact.

#### RESPIRATORY PROTECTION

When handling or performing work with crushed limestone that produces dust or respirable crystalline silica, a NIOSH approved respirator is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Wear a NIOSH approved respirator that is properly fitted and is in good condition. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. All respirators must be NIOSH-certified.

**GENERAL HYGIENE CONSIDERATIONS**

Practice good housekeeping and hygiene practices to minimize generating and spreading airborne dust. Always wash areas of the body (hands, face, arms, etc.) that have come in contact with the product. Always wash hands and face with soap and water before eating, drinking, or smoking.

**Section 9: Physical and Chemical Properties**

Physical State: Solid. [Granular, Pebbles to Boulders]	Lower and upper explosive (flammable) limits: Not applicable.
Color: White/Grayish White/ or Tan	Vapor pressure: Not applicable.
Odor: Odorless.	Vapor density: Not applicable.
Odor threshold: No data available.	Relative density: > 2.0
pH: As Calcium Carbonate 8-9.	Solubility: Insoluble in water.
Melting point: No data available.	Solubility in water: Not applicable
Boiling point: No data available	Partition coefficient: n-octanol/water: Not applicable.
Flash point: Non-combustible.	Auto-ignition temperature: Not applicable.
Burning time: Not available.	Decomposition temperature: Not applicable.
Burning rate: Not available.	SADT: Not available.
Evaporation rate: Not applicable.	Viscosity: Not applicable.
Flammability (solid, gas): Not applicable	

**Section 10: Stability and Reactivity****REACTIVITY**

Product is stable and non-reactive under normal conditions of use but reacts vigorously with acids to form CO<sub>2</sub>. Ignites on contact with Fluorine.

**CHEMICAL STABILITY:**

Material is stable under normal conditions but reacts vigorously with acids to form CO<sub>2</sub>. Ignites on contact with Fluorine.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

Avoid contact with strong oxidizers such as acids which will react vigorously and form CO<sub>2</sub>.



**CONDITIONS TO AVOID:**

Avoid generation of dusts. Avoid contact with strong oxidizers such as acids which will react vigorously and form CO<sub>2</sub>. Crushed Limestone should not be mixed or stored with Fluorine, Ammonium Salts, Aluminum, Hydrogen, Magnesium, or Acids.

**INCOMPATIBLE MATERIALS:**

Contact with powerful oxidizing agents such as Fluorine, Chlorine Tri-Fluoride, Manganese Trioxide, Oxygen Di-Fluoride, Ammonium Salts, Aluminum, Hydrogen, Magnesium, or Acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Silica-containing respirable dust particles may be generated if dust is generated. Limestone decomposes at 1742 degrees Fahrenheit to produce calcium oxide.

**OTHER INFORMATION**

See also additional precautions Section 5 (Fire Fighting Measures), Section 6 (Accidental Release Measures) and Section 7 (Handling & Storage).

## Section 11: Toxicological Information

**INFORMATION ON TOXICOLOGICAL EFFECTS**

**Acute toxicity:** Not classified. Limestone LD<sub>50</sub>/LC<sub>50</sub> of >6000mg/Kg (Rat, oral). Limestone is not listed by MSHA, OSHA, or IARC as a carcinogen but this product may contain trace amounts of crystalline silica, which has been classified by IARC as a carcinogenic to humans when inhaled in the form of quartz or Cristobalite.

Harmful if swallowed. May cause stomach distress, nausea, or vomiting

**Irritation/Corrosion:**

**Skin:** Not applicable.

**Eyes:** Not applicable.

**Respiratory:** May cause respiratory tract irritation.

**Sensitization:** Not applicable.

**Carcinogenicity – May Cause Cancer****A; General Product Information:**

The Occupational Safety and Health Administration (OSHA), the National Toxicology Program (NTP) and the International Agency for Research on Cancer (IARC) have not listed crushed limestone as a carcinogen.

**B: Component Carcinogenicity Nuisance Dust-Crystalline Silica Dust**

This product, however, may contain a constituent which is listed by IARC and NTP as carcinogen. Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National

Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

**Chronic Toxicity**

Specific target organ toxicity – (repeated/extended exposure), Crystalline Silica is considered hazardous by inhalation. IARC has classified silica as a Group 1 substance, carcinogenic to humans. This classification is based on the findings of laboratory animal studies (inhalation and implantation) and epidemiology studies that were considered sufficient for carcinogenicity. NTP has also classified respirable crystalline silica as a known carcinogen. Excessive exposure to crystalline silica can cause silicosis, a chronic, progressive and sometimes fatal lung disease which, in turn, increases the risk of pulmonary tuberculosis infection.

**Mutagenicity:** There are no data available.

**Reproductive Toxicity :** Not applicable

**Specific target organ toxicity (single exposure):** Not Applicable

**Specific target organ toxicity (repeated exposure)**

Name	Category	Route of Exposure	Target Organs
Quartz	1	Inhalation	Respiratory tract and kidneys

**Aspiration Hazard:** There are no data available

**INFORMATION ON LIKELY ROUTES OF EXPOSURE****Symptoms related to the physical, chemical and toxicological characteristics:**

**Eye contact:** Limestone dust: May cause irritation through mechanical abrasion. Discomfort in the chest, shortness of breath, coughing. Adverse symptoms associated with eye contact with particle debris include the following: discomfort, excess blinking, tear production, watering, marked redness and swelling of the conjunctiva.

**Inhalation:** Limestone dust: May cause respiratory tract irritation. Adverse symptoms may include respiratory tract irritation and coughing. Prolonged inhalation may cause chronic health effects. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica liberated from this product can cause silicosis, a fibrosis (scarring) of the lungs, and may cause cancer.

**Skin contact:** Limestone dust: Adverse symptoms may include skin abrasion and redness.

**Ingestion: Limestone dust:** Harmful if swallowed. Adverse symptoms may include stomach distress, nausea, or vomiting.

## Section 12: Ecological Information

### **ECOTOXICITY**

Not expected to be harmful to aquatic organisms. Discharging crushed stone, sand, dust and fines into waters may increase total suspended particulate (TSP) levels that can be harmful to certain aquatic organisms.

### **PERSISTENCE and DEGRADABILITY**

Not Applicable

### **BIOACCUMULATIVE POTENTIAL**

Not Applicable

### **MOBILITY IN SOIL**

Not Applicable

### **OTHER ADVERSE EFFECTS**

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, global warming potential) are expected from this component.

## Section 13: Disposal Considerations

Recover or recycle if possible.

### **REGULATORY INFORMATION**

Disposal must comply with all applicable federal, state and local regulations.

### **WASTE DISPOSAL METHODS**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product should comply with the applicable requirements of environmental protection and waste disposal legislation and any regional local authority applicable requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Do not allow fine particulate matter to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with fine particulates. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe manner. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff, and contact with soil, waterways, drains and sewers. Dispose of waste materials only in accordance with applicable federal, state, and local laws and regulations.

### **HAZARDOUS WASTE CODE**

Not Regulated. Crushed Limestone is used in many soil and construction applications, waste material does not meet the criteria of a hazardous waste as defined under the Resource Conservation And Recovery Act (RCRA), 40 CFR 261. Dispose of residual products and empty containers responsibly and lawfully.

## Section 14: Transport Information

**UN NUMBER**

Not Applicable

**UN PROPER SHIPPING NAME**

Not Applicable

**BASIC SHIPPING DESCRIPTION:**

U.S. Department of Transportation (DOT) Highway/Rail (Bulk): Not classified

U.S. Department of Transportation (DOT) Highway/Rail (Non-bulk): Not classified

**ADDITIONAL INFORMATION:**

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all required shipping descriptions. Many local communities and jurisdictions regulate the transporting of Crushed Stone in open vehicles or trailers requiring tarps, covering, or other protections of the load.

## Section 15: Regulatory Information

**OSHA:**

This product is considered Hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200) and should be included in employers' hazardous communication programs.

**TSCA:**

Crushed Limestone is not listed on TSCA (Toxic Substances Control Act) inventory, however a component Quartz (CAS 14808-60-7) is listed on the United States Toxic Substances Control Act inventory.

**CERCLA:**

**This product is not listed as a CERCLA hazardous substance**

**CLEAN AIR ACT**

Clean Air Act Section 112 (b): Hazardous Air Pollutants (HAPs) — Not listed

Clean Air Act Section 602: Class I Substances — Not listed

Clean Air Act Section 602: Class II Substances — Not listed

**DEA**

DEA List I Chemicals: (Precursor Chemicals) — Not listed

DEA List II Chemicals: (Essential Chemicals) — Not listed

**SAFE DRINKING WATER ACT**

Not Listed

**SARA TITLE III:**

**Hazard categories:** Immediate Hazard – No  
Delayed Hazard – Yes  
Fire Hazard – No  
Pressure Hazard – No  
Reactivity Hazard - No

## Section 302:

This product is not and does not contain an Extremely Hazardous Substance

## Section 311/312:

The following materials are reportable under the Tier II rules:  
Crystalline Silica Quartz

## Section 313:

The following TRI chemicals are present in this product:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Wt%</u>
None		

**INTERNATIONAL REGULATIONS**

Not applicable since not shipped internationally.

**US STATE REGULATIONS:****California Proposition 65:**

This product contains the following chemicals known to the State of California to cause cancer:

<u>Name</u>	<u>CAS Number</u>
Crystalline Silica	14808-60-7

California law requires the manufacturer to give the above warning in the absence of definitive testing to prove that the defined risks do not exist.

**Massachusetts Right To Know Substance List**

Crystalline Silica (Quartz) (CAS 14808-60-7)

Respirable Tridymite and Cristobalite (other forms of crystalline silica) (CAS Mixture)

**New Jersey Worker and Community Right-to-Know Act**

Crystalline Silica (Quartz) (CAS 14808-60-7)

Respirable Tridymite and Cristobalite (other forms of crystalline silica) (CAS Mixture)

**Pennsylvania Worker and Community Right-to-Know Law**

Crystalline Silica (Quartz) (CAS 14808-60-7)

Respirable Tridymite and Cristobalite (other forms of crystalline silica) (CAS Mixture)

**Rhode Island Right To Know Substance List**

Not regulated.

**Section 16: Other Information****NFPA Ratings:**

Health: 1

Flammability: 0

Reactivity: 0

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

**Capitol Aggregates Inc.**  
**2330 North Loop 1604 West.**  
**San Antonio, Texas 78248**  
**(210)-871-6111**

**PRECAUTIONARY WARNING!**

CRUSHED LIMESTONE, (SOLMS CRUSHED LIMESTONE), IS NOT A KNOWN HEALTH HAZARD. ALTHOUGH CRUSHED LIMESTONE MAY BE SUBJECTED TO VARIOUS NATURAL OR MECHANICAL FORCES THAT PRODUCE SMALL PARTICLES (DUST), WHICH MAY CONTAIN RESPIRABLE CRYSTALLINE SILICA (PARTICLES LESS THAN 10 MICROMETERS IN AERODYNAMIC DIAMETER). REPEATED INHALATION OF RESPIRABLE CRYSTALLINE SILICA (QUARTZ) MAY CAUSE DAMAGE TO LUNGS THROUGH PROLONGED OR REPEATED EXPOSURE AND MAY CAUSE SILICOSIS A FORM OF LUNG CANCER. DO NOT USE PRODUCT FOR SAND BLASTING. BLASTING BREAKS DOWN NATURAL SILICA AND CREATES FRESHLY FRACTURED RESPIRABLE CRYSTALLINE SILICA WHICH MAY LEAD TO SILICA-RELATED DISEASE IN PERSONS EXPOSED AT LEVELS EXCEEDING OCCUPATIONAL EXPOSURE LIMITS. BEFORE USING, ALSO READ THE SAFETY DATA SHEET FOR THIS PRODUCT FOUND AT [WWW.CAPITOLAGGREGATES.COM](http://WWW.CAPITOLAGGREGATES.COM).

**KEEP OUT OF THE REACH OF CHILDREN (Poison Control No. 1-800-222-1222)**

**Product Identifier:**  
**SOLMS CRUSHED LIMESTONE**  
**CAS NO. N/A**

**Hazard Statement****DANGER**

Harmful if swallowed. May cause damage to lungs with prolonged or repeated exposure (inhalation).  
May cause cancer, (inhalation).

**ABBREVIATIONS**

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
DOT	Department of Transportation
IARC	International Agency for Research on Cancer
m <sup>3</sup>	Cubic meter
mg	Milligram
SDS	Safety Data Sheet (formerly known as MSDS)
MSHA	Mine Safety and Health Administration
N/A	Not applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PPE	Personal Protective Equipment
RQ	Reportable Quantity
TLV	Threshold Limit Value
TRI	Toxic Release Inventory
TSCA	Toxic Substance Control Act

**NOTE:** This SDS attempts to describe as accurately as possible the potential exposures associated with normal use of this product. Health and safety precautions on this data sheet may not be adequate for all individuals and/or situations. Users have the responsibility to evaluate and use this product safely and to comply with all applicable environmental, health, and safety laws and regulations.

**Prepared in August 2015**

**Supersedes any and all previous versions (extensive revisions were made)**

**Disclaimer of Warranty:**

While the information provided herein is believed to provide a useful summary of the hazards of different types of Crushed Limestone designated above as commonly used, this SDS cannot anticipate and provide all of the information that might be needed by every individual in every situation. Inexperienced users should obtain proper training prior to using any Crushed Limestone product and no one should use any Crushed Limestone product without following all applicable safety laws and regulations related to its storage, handling, use and disposal and without first understanding the potential hazards of Crushed Limestone. This SDS does not cover such potential hazards.

The information provided in this SDS is believed by Capitol Aggregates, Inc. to be accurate at the time it was prepared or it was prepared from sources then believed to be reliable. It is the

responsibility of the user independently to investigate and understand other pertinent sources of information and to comply with all laws, regulations and procedures applicable to the safe storage, handling, use and disposal of Crushed Limestone. It is also the responsibility of the user to independently determine the suitability or fitness of any of the products covered by this SDS for their intended uses.

**CAPITOL AGGREGATES, INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, BY OR THROUGH THIS SDS CONCERNING THE PRODUCTS COVERED HEREBY OR THEIR FITNESS FOR ANY PARTICULAR USE. LIKEWISE CAPITOL AGGREGATES, INC. MAKES NO REPRESENTATIONS OR WARRANTIES REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION SET FORTH HEREIN. THE PROVISION OF THE SUCH INFORMATION IS NOT INTENDED TO BE, AND SHOULD NOT BE CONSTRUED AS LEGAL OR OTHER ADVICE, OR AS ENSURING COMPLIANCE WITH ANY PARTICULAR LAWS AND REGULATIONS.**



Dear Customer

Whether you are a long term customer or a new contractor, we would like to thank you for purchasing Capitol Aggregates Products. We are a Texas owned Company and produce all of our products in the State of Texas. This Safety Data Sheet (SDS), provided for the product you purchased or intend to use is a revision and replaces any previous versions formerly known as Material Safety Data Sheets or (MSDS). We are providing you this SDS as required by the Mine Safety & Health Administration's (MSHA), or the Occupational Safety & Health Administration, OSHA, and any applicable State Right-To -Know laws. The requirements applicable to the OSHA and MSHA Hazard Communication Standards can be found at 29 CFR 1910.1200 for OSHA and 30 CFR 47 for MSHA.

It is an important responsibility for you as a customer or contractor to communicate this information to your employees, customers, and contractors who may use, contact, or be exposed to this product. It is also an important consideration and responsibility for you to follow any applicable laws that require you to forward a copy of this SDS to your customers or end users. Please direct this SDS to the person responsible for safety and health compliance at your company as they may be able to assist you with any of the necessary requirements. If you need additional copies or have questions about this SDS please contact 210-871-6111, or visit us at [www.capitolaggregates.com](http://www.capitolaggregates.com).

Spanish language versions will be available in the near future at [www.capitolaggregates.com](http://www.capitolaggregates.com).

Sincerely



Chuck Ross  
Director of Safety